Manik Chaudhary

Resource Manager/Lead
Automation Test Engineer

📍 Hyderabad, TELANGANA, IN

📞 +91 9643505814

✉ manik1441@gmail.com

in linkedin.com/in/manik-chaudhary-91902b59

Summary

- **11+ years of experience in test automation, quality engineering, and delivery management**.
- Expert in **designing enterprise-wide automation frameworks** and **leveraging AI/ML-driven testing solutions** to enhance defect prediction, intelligent test case generation, and self-healing test scripts.
- Strong background in **project management, resource allocation, and leadership of cross-functional global teams**, ensuring on-time, high-quality deliveries aligned with business objectives.
- Adept in **UI, API, DB, and performance test automation**, with proven success in integrating solutions into **CI/CD pipelines (Jenkins, Azure DevOps, GitHub Actions)**.
- Skilled in **strategic planning, governance, and delivery management**, fostering collaboration in Agile/SAFe environments. Recognized for enabling **digital transformation through AI-powered automation, cloud-native testing, and DevOps alignment**, while driving continuous improvement, innovation, and organizational efficiency.

Skills

Engineering Practices

- **Management & Delivery**: Resource/People Management, Project Planning & Delivery, Agile/Scrum, SAFe, Stakeholder Collaboration, Continuous Improvement

- **Advanced Technology**: Code Quality, Code Review, Static Code Analysis, Continuous Integration & Delivery (CI/CD), Test Case integration, Reporting and test automation governance.

- **Quality Engineering**: Test Automation Framework Architecture (Hybrid, BDD, TDD, POM), Test Strategy and Planning, UI/API/Database Test Automation, Cloud & Data Testing (Databricks, Snowflake, AWS), Load/Performance Testing, Usability Testing, Test Data & Environment Management, Defect Management, Quality Gates.

- **Governance & Compliance:** Established and enforced testing governance, ensuring all automation activities complied with organizational policies and industry security standards.
- **AI-driven Testing:** Predictive Analytics, Intelligent Test Case Generation, Autonomous Test Execution

Leadership & Soft Skills

- **Leadership**: Team Mentoring, Coaching, Resource Allocation, Developing Others

- **People Management:** Directly managing and mentoring a cross-functional team, overseeing performance evaluations, career development, and resource optimization.
- **Communication & Facilitation**: Agile Ceremonies, Cross-Functional Collaboration, Client Demos & Reviews

- **Ownership & Problem-Solving**: Strategic Decision Making, Conflict Resolution, Risk Management

- **Vendor & Stakeholder Management:** Managing relationships with internal staff and external partners to ensure timely completion of test phases and delivery of high-quality releases

Tools & Technologies

- **Programming & Scripting**: Python, Java, SQL, Oracle PL/SQL
- **Frameworks**: Hybrid, TDD, Robot Framework, Cucumber (BDD), Pytest, TestNG
- **CI/CD & DevOps**: Jenkins, Azure DevOps, GitLab, Docker
- **Data & Cloud**: Databricks, Snowflake, Oracle RDBMS, AWS
- **Testing & Automation Tools**: Selenium WebDriver,Playwright, Postman, Requests, Pandas, Tricentis Tosca, Jmeter, Mocking Utilities
- **Infrastructure & Platforms**: Linux, Windows, Web/Application Servers.
- **Version Control Systems:** Git, Github.

Work experience

QA Architect/Resource Manager/Test Automation Lead　　2021 Aug - present
EPAM Systems

- Architected and enhanced enterprise-wide automation frameworks using Python, Pytest, BDD, and Selenium.
- **People Management:** Managing a cross-functional team of 8 members.
- Defined test strategy and automation roadmap aligning with CI/CD DevOps pipelines.
- Adoption of **AI-driven automation** for intelligent test case generation, predictive analytics, and self-healing test execution.
- Designed reusable automation libraries for UI, API and DB testing, improving maintainability and scalability.
- Directed **database and cloud testing** initiatives, leveraging platforms such as **Databricks and Snowflake** to validate large-scale data workflows.
- Leveraged automation tools like Tricentis Tosca for end-to-end automation, enabling model-based testing, improved test coverage, and accelerated release cycles.
- Oversaw **resource management, project planning, and delivery governance**, ensuring optimal team performance and alignment with organizational goals.
- Acted as a **facilitator** in Agile/SAFe environments, driving collaboration, continuous improvement, and high-quality product releases
- Recognized for balancing **technical test architecture** with **strategic leadership**, enabling efficiency, innovation, and measurable business value.

SDET II　　2019 Jun - 2021 Aug
S&P GLOBAL

- Contributed to the **design and development of automation frameworks** for **UI and API testing** using **Java, Python, with requests, Selenium and pytest**.
- Integrated automation solutions with **CI/CD pipelines** and **defect management tools** such as **JIRA and TFS**, improving release efficiency and traceability.
- Delivered **internal training sessions** to upskill teams on automation best practices and foster knowledge sharing.
- Actively participated in **tool evaluation and proof-of-concepts (PoCs)** to support enterprise-wide adoption of scalable QA solutions.
- Gained strong exposure to the **financial domain**, enhancing business understanding and test coverage for critical applications.

Software Engineer　　2018 Mar - 2019 Jun
Guardian India Operations

- Designed and implemented **automation solutions for regression testing** using **SahiPro**, improving test efficiency and reducing manual effort.
- Assisted in **test strategy creation** and participated in **functional specification reviews** to ensure early defect prevention and alignment with business requirements.

- Conducted **proof-of-concepts (PoCs)** to evaluate and recommend **new automation tools and frameworks** for enterprise adoption, contributing to continuous improvement of QA practices.
- Collected and analyzed **business requirements** to design and implement effective solutions.
- Contributed to the **development of back-end and front-end modules**, ensuring functionality, performance, and scalability.
- Performed **troubleshooting and bug fixing** to maintain application stability and improve user experience.

QA Engineer   2014 Oct - 2018 Mar
SoftTech India Pvt Ltd

- Created and executed **functional and regression test suites** to validate application quality and stability.
- Developed **early automation test scripts** to reduce manual effort and accelerate testing cycles.
- Actively participated in **Agile ceremonies** (sprint planning, daily stand-ups, retrospectives) to ensure continuous quality delivery and alignment with development goals.

Project Highlights

Amazon PLOA

Guardian India PVT LTD

Role: Software Engineer.
Scope: Automated the approval/denial logic for the Leave Absence Management System based on complex situational business rules.
Key Achievement: Implemented automated regression suites that significantly reduced manual effort and ensured 95% accuracy in rule-based decision-making.

Google – GGRC (Governance, Risk, and Compliance)

Google - EPAM

Role: Lead Automation Engineer.
Scope: Managed a solution designed to handle complex regulatory compliance challenges by recording and capturing intricate data relationships.
Key Achievement: Architected automation frameworks that ensured all testing activities complied with strict organizational policies and regulatory requirements.

S&P Capital IQ

S&P Capital

Role: SDET II.
Scope: Delivered essential intelligence and stock market analysis to global investing stakeholders through high-fidelity research platforms.
Key Achievement: Developed end-to-end automation for UI and API testing using Python, Pytest, and Selenium, improving the reliability of critical financial data.

Certifications

- Azure AI-900 (Azure AI fundamentals)
- AZ-900 (Azure fundamentals)
- PCEP - Python Certified Entry-Level Python Programmer
- Tricentis Tosca Fundamentals
- Professional Scrum Master I
- ISTQB CTFL (Foundation)
- SAFe 5.0 Practitioner

Education

B.Tech   2013 Jun

Galgotias College of Engineering & Technology

B.Tech, Mechanical Engineering - Galgotias College of Engineering & Technology, 2013